

Moldova - Transition to High-Value Agriculture

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Overview

Identification

COUNTRY

Moldova

EVALUATION TITLE

Transition to High-Value Agriculture

EVALUATION TYPE

Independent Evaluation

ID NUMBER

DDI-MCC-MDA-MPR-THVA-2015-v01

Overview

ABSTRACT

The THVA evaluation will rely on two complementary evaluation components. The first is an impact evaluation, which focuses on evaluating the effectiveness of the project in the areas of Moldova where key activities are concentrated. The impact evaluation will compare the changes in outcomes over time in areas in which these activities are being implemented with similar areas in which they are not being implemented. It will draw primarily on longitudinal quantitative data collected from farm operators in 2013-2014 (before the completion of the compact activities), as well as in 2018-2019 and 2020-2021 (several years after the end of the compact). The second component is a performance evaluation, which will draw primarily on qualitative data collected in 2013, 2014, and 2015, as well as new data to be collected through 2022. In addition to these qualitative data collected from a variety of stakeholders (for example, farm operators, water user associations [WUAs], regional training service providers, local and national government officials, and value chain buyers), the performance evaluation will also draw on quantitative data from recipients of loans provided by the project, various sources of administrative data, and a document review. The performance evaluation will involve triangulating information from the various sources to gain a complete understanding of project implementation, successes, and challenges. The two components of the THVA evaluation are intended to complement each other and, in combination, provide a holistic assessment of the THVA project.

EVALUATION METHODOLOGY

Pre-Post with Comparison Population

UNITS OF ANALYSIS

farms, farm plots

Coverage

GEOGRAPHIC COVERAGE

Some components are national, but most data collection (including the longitudinal quantitative survey) is focused on farms operating within the land area served by 11 Centralized Irrigation Systems selected for the project, land areas adjacent to those systems ("border" or "extension" areas), and land historically served by 11 comparison systems. These systems are spread throughout Moldova, but are not nationally representative.

UNIVERSE

For the longitudinal quantitative survey, the study population includes farms (whether household farms and businesses) that operate land plots within the geographic areas included in the study. If land is publicly operated, the public operator is not included.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name | Affiliation |
|-----------------------------|-------------|
| Mathematica Policy Research | |

FUNDING

| Name | Abbreviation | Role |
|----------------------------------|--------------|------|
| Millennium Challenge Corporation | MCC | |

Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
|----------------------------------|--------------|-------------|-----------------------|
| Millennium Challenge Corporation | MCC | | Review of Metadata |
| Mathematica Policy Research | MPR | | Independent Evaluator |

DDI DOCUMENT ID

DDI-MCC-MDA-MPR-THVA-2015-v01

MCC Compact and Program

COMPACT OR THRESHOLD

Moldova Compact

PROGRAM

The evaluation covers all components of the Moldova Compact's Transition to High-Value Agriculture (THVA) Project, which consists of four complementary activities. The Irrigation System Reform Activity and Centralized Irrigation System Rehabilitation Activity (ISRA-CISRA) aim to improve access to irrigation on agricultural land. The Growing High-Value Agricultural Sales (GHS) Activity aims to increase sales of HVA by addressing constraints specific to each selected value chain. The Access to Agricultural Finance (AAF) Activity aims to increase competitiveness and profitability for farmers and post-harvest investors by enabling investments to increase production, cost-effectively sort and package produce, extend the production and marketing seasons, and bring produce to market. Together, these activities are intended to increase production of high-value crops, increase the sales volumes of and prices received for these crops, and ultimately to increase household incomes and reduce poverty.

MCC SECTOR

Agriculture and Irrigation (Ag & Irr)

PROGRAM LOGIC

The program logic suggests that increased access to affordable and well-managed irrigation water through ISRA-CISRA will enable farmers to invest in production of high-value crops, whereas the GHS activity will enable these farmers to better understand and meet market requirements for these crops. The loan component of the AAF Activity will further enhance the ability of farmers who cultivate high-value crops to meet market requirements and benefit from higher prices through improved access to post-harvest infrastructure. Together, these activities are intended to increase production of high-value crops, increase the sales volumes of and prices received for these crops, and ultimately to increase household incomes and reduce poverty.

Sampling

Study Population

For the longitudinal quantitative survey, the study population includes farms (whether household farms and businesses) that operate land plots within the geographic areas included in the study. If land is publicly operated, the public operator is not included.

Questionnaires

No content available

Data Collection

Data Collection Dates

| Start | End | Cycle |
|-------|------|-------|
| 2013 | 2022 | N/A |

Data Processing

No content available

Data Appraisal

No content available